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SEQUENCE LISTING

<110> Yakhini, Zohar
Ben-Dor, Amir
Sampas, Nick
Dougherty, Edward
Trent, Jeff
Meltzer, Paul
Chen, Yidong
Weeraratna, Ashani
Jiang, Yuan
Bittner, Michael

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<212> DNA
<213> Homo sapiens

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<210> 13

<211> 4286

<212> DNA

<213> Homo sapiens

<400> 13

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<222> (268)

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<212> DNA

<213> Homo sapiens

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<211> 387

<212> DNA

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<212> DNA

<213> Homo sapiens

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<210> 25

<211> 1043

<212> DNA

<213> Homo sapiens

<400> 25

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<211> 397

<212> DNA

<213> Homo sapiens

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<222> (279)

<223> n = gat or c

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<222> (307)..(310)

<223> n = gat or c

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<222> (345)..(350)

<223> n = gat or c

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<222> (361)

<223> n = gat or c

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<221> misc_feature

<222> (380)

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<221> misc_feature

<222> (388)

<223> n = gat or c

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<212> DNA

<213> Homo sapiens

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<210> 28
<211> 233
<212> DNA
<213> Homo sapiens

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<222> (14)..(15)
<223> n = gat or c

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 <222> (122)
 <223> n = gat or c

<220>
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 anatgcctgg acaagctcat tcgtgcccct gactccctca agaccctggc tgactttgac 180
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<210> 29
 <211> 3921
 <212> DNA
 <213> Homo sapiens

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<210> 30

<211> 503

<212> DNA

<213> Homo sapiens

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<220>
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 ctttcctgct tttttttttt tttttttaaa tgtttgccac acaggggaga aagaggggct 420
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<210> 31
 <211> 1231
 <212> DNA
 <213> Homo sapiens

<400> 31
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<210> 32
<211> 418
<212> DNA
<213> Homo sapiens

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<220>
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<222> (136)
<223> n = gat or c

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<220>
<221> misc_feature
<222> (353)
<223> n = gat or c

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<220>
<221> misc_feature
<222> (383)
<223> n = gat or c

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<220>
<221> misc_feature
<222> (411)
<223> n = gat or c

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acaacctagg cgccanagcc taccggccag gtagtagcaa gggctggccc atgtagtgag 180
cccagcatgg ggagacgctg agggcccatg ggcgccaaag ccagggggca gcagcctcca 240

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aacaccgaca gcgccacgtc ccctggggca ggaaaggtgg atgccccagg ggcacttctg 300
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<210> 33

<211> 2910

<212> DNA

<213> Homo sapiens

<400> 33

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<211> 461

<212> DNA

<213> Homo sapiens

<400> 34

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<210> 35

<211> 1096

<212> DNA

<213> Homo sapiens

<400> 35

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<210> 36
<211> 450
<212> DNA
<213> Homo sapiens

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<222> (407)
<223> n = gat or c

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<220>
<221> misc_feature
<222> (430)
<223> n = gat or c

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tggcttacag gagagactag acaggaaggc caggcaatgc ttaggcaact aaaatgaggt 180
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tgtcgggctt cagtcattctc caccacacag gtacagcagg cgcttttctg ggtaggtgcg 360
ccttagtgtc ttgctgggat attaatagta caggggactt gccgtanttt ctcttggtt 420
tcagacccan ttttcaacat gttccatttc 450

```

```

<210> 37
<211> 1362
<212> DNA
<213> Homo sapiens

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<400> 37
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tcacgaaatc ctgtgcaagc tcagcttgga ggggtgatcac tctacacccc caagtgcata 120
tgggtctgtc aaagcctata ctaactttga tgctgagcgg gatgctttga acattgaaac 180
agccatcaag accaaagggtg tggatgaggt caccattgtc aacattttga ccaaccgcag 240
caatgcacag agacaggata ttgccttcgc ctaccagaga aggacaaaa aggaacttgc 300
atcagcactg aagtcagcct tatctggcca cctggagacg gtgattttgg gcctattgaa 360
gacacctgct cagtatgacg cttctgagct aaaagcttcc atgaaggggc tgggaaccga 420

```

```

cgaggactct ctcattgaga tcattctgctc cagaaccaac caggagctgc aggaaattaa 480
cagagtctac aaggaaatgt acaagactga tctggagaag gacattattt cggacacatc 540
tggtgacttc cgcaagctga tggttgccct ggcaaagggg agaagagcag aggatggctc 600
tgtcattgat tatgaactga ttgaccaaga tgctcgggat ctctatgacg ctggagtgaa 660
gaggaaagga actgatgttc ccaagtggat cagcatcatg accgagcgga gcgtgccccca 720
cctccagaaa gtatttgata ggtacaagag ttacagccct tatgacatgt tggaaagcat 780
caggaaagag gttaaaggag acctggaaaa tgctttcctg aacctgggtc agtgcattca 840
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gtctgaattc aagagaaagt acggcaagtc cctgtactat tatatccagc aagacactaa 1020
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tcattttagt tgcctaagca ttgcctggcc ttctgtctta gtctctctctg taagccaaag 1260
aaatgaacat tccaaggagt tggaagtga gtctatgatg tgaaacactt tgctctctgt 1320
gtactgtgtc ataaacagat gaataaactg aatttgtact tt 1362

```

```

<210> 38
<211> 480
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (311)
<223> n = gat or c

```

```

<220>
<221> misc_feature
<222> (389)
<223> n = gat or c

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<220>
<221> misc_feature
<222> (454)
<223> n = gat or c

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<220>
<221> misc_feature
<222> (470)
<223> n = gat or c

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<400> 38
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gacttttcatt tcttgaggta ctctgcacat aocgaccaca tctctatctg gccttttgc 120
ggagtgaacca tagctccttc tctcttacat tgaatgtaga gaatgtagcc attgtagcag 180
cttgtgttgt cacgcttctt cttttgagca actttcttac actgaagaaa ggcagaatga 240

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gtgcttcaga atgtgatttc ctactaacct gttccttggga taggcttttt agtatagtat 300
 tttttttttg ncatttttctc catcagcaac cagggagact gcacctgatg gaaaagatat 360
 atgactgctt catgacattc ctaaactanc ttttttttatt ccacatctac gtttttggtg 420
 gagtcccctt tgcattcattg ttttaaggat gatnaaaaaa aaatatcacn agggggggaat 480

<210> 39

<211> 1597

<212> DNA

<213> Homo sapiens

<400> 39

aacaaactgc acccactgaa ctccgcagct agcatccaaa tcagcccttg agatttgagg 60
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 actttcctgg cagagccaat gaaaggccct attgctatgc aatctggtcc aaaaccactc 180
 ttcaggagga tgtcttctact ggtgggcccc acgcaaagct tcttcatgag ggaatctaag 240
 actttggggg ctgtccagat tatgaatggg ctcttccaca ttgccctggg gggctctctg 300
 atgatccag cagggatcta tgcacccatc tgtgtgactg tgtggtaccc tctctgggga 360
 ggcattatgt atattatttc cggatcactc ctggcagcaa cggagaaaaa ctccaggaag 420
 tgttttggtca aaggaaaaat gataatgaat tcattgagcc tctttgctgc catttctgga 480
 atgattcttt caatcatgga catacttaat attaaaattt occatttttt aaaaatggag 540
 agtctgaatt ttattagagc tcacacacca tatattaaca tatacaactg tgaaccagct 600
 aatccctctg agaaaaactc cccatctacc caatactgtt acagcataca atctctgttc 660
 ttgggcattt tgtcagtgat gctgatcttt gccttcttcc aggaacttgt aatagctggc 720
 atcgttgaga atgaatggaa aagaacgtgc tccagacca aatctaacat agttctcctg 780
 tcagcagaag aaaaaaaga acagactatt gaaataaaaag aagaagtggg tgggctaact 840
 gaaacatctt cccaaccaa gaatgaagaa gacattgaaa ttattccaat ccaagaagag 900
 gaagaagaag aaacagagac gaactttcca gaacctcccc aagatcagga atcctcacca 960
 atagaaaatg acagctctcc ttaagtgatt tcttctgttt tctgtttcct tttttaaaca 1020
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 acgcaccaca tctctatctg gcctttgcat ggagtgaoca tagctccttc tctcttacat 1140
 tgaatgtaga gaatgtagcc attgtagcag cttgtgttgt cacgcttctt cttttgagca 1200
 actttcttac actgaagaaa ggcagaatga gtgcttcaga atgtgatttc ctactaacct 1260
 gttccttggga taggcttttt agtatagtat ttttttttgt cattttctcc atcagcaacc 1320
 agggagactg cacctgatgg aaaagatata tgactgcttc atgacattcc taaactatct 1380
 ttttttttatt ccacatctac gtttttggtg gagtcccctt tgcattcatt ttttaaggat 1440
 gataaaaaaa aaataacaac tagggacaat acagaacca ttccatttat ctttctacag 1500
 ggctgacatt gtggcacatt cttagagtta ccacacccca tgagggaagc tctaaatagc 1560
 caacacccat ctgttttttg taaaaacagc atagctt 1597

<210> 40

<211> 434

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (146)..(148)
<223> n = gat or c

<220>
<221> misc_feature
<222> (347)
<223> n = gat or c

<220>
<221> misc_feature
<222> (411)..(413)
<223> n = gat or c

<220>
<221> misc_feature
<222> (421)
<223> n = gat or c

<400> 40
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tgacataaag ccatttcaaa tagtttcatg tctcagctga gcaggaggag agggggtgaa 120
agaataagtg agtagggccc gttggnangc tagacagtaa aaacagactc aacagcagcc 180
gccccagacc tgctgtcctc cctgattgcc tgcatgtgtt gcattggtag cagcatgctg 240
acgggccaat tttaatgcca ttgacctcat tattaatgtc aaagactcct tcttgaattt 300
tttcataaat ttcttttgct gtattaataa atgcctcttc tacattngga agcagtcctta 360
gcagacgttt ccatgaagat gagtccatgg tcccggtggca aaaggcttca ncnttccttc 420
nttttttttac ttct 434

<210> 41
<211> 1148
<212> DNA
<213> Homo sapiens

<400> 41
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gaggctgagc ggcaaccggg ttggggcgcg gaggaggagc agcagcggga ggaggagccg 180
tgtgccctgg cactgagcgg ccgcggccat ggcgtacgcc tatctcttca agtacatcat 240
aatcggcgac acaggtgttg gtaaatcatg cttattgcta cagtttacag acaagagggt 300
tcagccagtg catgacctta ctattggtgt agagtccggt gctcgaatga taactattga 360
tgggaaacag ataaaacttc agatatggga tacggcaggg caagaatcct ttcgttccat 420
cacaaggtcg tattacagag gtgcagcagg agctttacta gtttacgata ttacacggag 480
agatacattc aaccacttga caacctggtt agaagatgcc cgccagcatt ccaattccaa 540
catggtcatt atgcttattg gaaataaaaag tgatttagaa tctagaagag aagtaaaaaa 600
agaagaagggt gaagcttttg cacgagaaca tggactcatc ttcattggaaa cgtctgctaa 660
gactgcttcc aatgtagaag aggcatttat taatacagca aaagaaattt atgaaaaaat 720
tcaagaagga gtctttgaca ttaataatga ggcaaatggc attaaaattg gccctcagca 780

tgctgctacc	aatgcaacac	atgcaggcaa	tcagggagga	cagcaggctg	ggggcggctg	840
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ccctctcct	cctgctcagc	tgagacatga	aactatttga	aatggcttta	tgtcacagaa	960
gactttaatc	cgtcaaattc	ttgtataact	ttgaataaat	ggttaatggt	cacttaaaag	1020
acagattttg	gagattgtat	tcatatctat	ttgcatttga	tttctaggtc	aattgatgtg	1080
attatttttg	ttaaagtgtg	tcttgtgcc	ttaactacga	actgaattgt	attaaacact	1140
acaaagtc						1148